

**MATERIAL SAFETY DATA SHEET**  
**MSDS**  
**Greased Lightning All Purpose Cleaner**

**Date-Issued:** 01/21/2004  
**MSDS Ref. No:** HGRL112B  
**Date-Revised:** 02/11/2004  
**Revision No:** New MSDS

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**1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Greased Lightning All Purpose Cleaner  
**GENERAL USE:** Household Multipurpose Cleaner & Degreaser

**MANUFACTURER**

HomeCare Labs, Inc.  
P.O. Box 491150  
Lawrenceville, GA 30049  
**Customer SERVICE:** (800)448-5281

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**Poison Control Center (Medical) :** (877) 800 - 5553  
**CANUTEC (Canadian Transportation) :** (613) 996 - 6666  
**CHEMTREC (US Transportation) :** (800) 424 - 9300

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
Sodium hydroxide	1310-73-2	<10
2-Butoxyethanol	111-76-2	<10

**COMMENTS:** Proprietary Formula, percent of ingredient(s) in formula not available.

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**3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Clear, colorless liquid with a slightly odor.

**IMMEDIATE CONCERNS:** CAUTION: EYE IRRITANT. Avoid contact with eyes. Do not taste or swallow. Avoid prolonged contact with skin. Use rubber gloves for sensitive skin. Wash hands thoroughly after use.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Causes eye irritation. Avoid contact with eyes.

**SKIN:** May cause skin irritation. Avoid contact with skin.

**INGESTION:** May be irritating to gastrointestinal tract.

**INHALATION:** This product is not expected to present an inhalation hazard for normal use practices.

**CHRONIC:** There are no known chronic hazards.

**ROUTES OF ENTRY:** Eye Contact and Skin Contact.

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**4. FIRST AID MEASURES**

**EYES:** If contact with eye occurs: Immediately flush with cold water for at least 15 minutes. If irritation persists, get medical attention.

**SKIN:** If on skin: Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

**INGESTION:** If ingested: Do not induce vomiting. Drink several glasses of water and get immediate medical attention.

**INHALATION:** Not an expected route of overexposure.

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## 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** >(212°F)

**GENERAL HAZARD:** There are no unusual fire and explosion hazards known.

**EXTINGUISHING MEDIA:** Dry chemical, water, foam or carbon dioxide. Do not flush into storm drain or public sewer.

**EXPLOSION HAZARDS:** This product does not pose an immediate explosion hazard.

**FIRE FIGHTING PROCEDURES:** Flood with copious amounts of water.

**FIRE FIGHTING EQUIPMENT:** Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA). Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.

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## 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Small spills may be mopped up or flushed away with water. Otherwise, cover the liquid with an inert absorbent, and scoop up all spilled material & absorbent and place into clean dry plastic containers for disposal. Dispose of according to local, state and federal regulations.

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## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid contact with eyes, skin or clothing.

**HANDLING:** Mix only with water. Do not mix with other chemicals.

**STORAGE:** Keep this product in original tightly closed container when not in use. Store in a cool, dry, well ventilated area. Do not reuse container, but place in trash collection.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES:

#### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SUPPLIER OEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Sodium hydroxide	TWA		2		2		
	STEL				2		
2-Butoxyethanol	TWA	50		20			

**ENGINEERING CONTROLS:** General room ventilation. Not expected to be an inhalation hazard.

### PERSONAL PROTECTIVE EQUIPMENT:

**EYES AND FACE:** Wear safety glasses with side shields where there is potential for eye contact.

**SKIN:** Household gloves are recommended for prolonged contact or for persons with sensitive skin.

**RESPIRATORY:** Respirator protection is not normally required under routine use conditions. If product is used in an area with poor ventilation and mist or vapor is expected, a respirator that meets OSHA/ANSI standards may be required.

**PROTECTIVE CLOTHING:** If product gets on clothing, remove and wash before reuse.

**WORK HYGIENIC PRACTICES:** In accordance with good industrial hygiene practices, wash hands thoroughly with soap and water after handling this product.

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Slight

**APPEARANCE:** Clear

**COLOR:** Colorless

**pH:** 12.7 to 13.2

**PERCENT VOLATILE:** 90

**VAPOR PRESSURE:** Not Established

**VAPOR DENSITY:** Heavier than air.

**BOILING POINT:** (212°F)

**FREEZING POINT:** Not Established

**SOLUBILITY IN WATER:** Soluble

**EVAPORATION RATE:** Equal to water

**SPECIFIC GRAVITY:** 1 (water=1)

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## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** None known.

**STABILITY:** This product is stable under normal conditions.

**POLYMERIZATION:** Hazardous polymerization will not occur under normal conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

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## 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** This product is an eye irritant.

**SKIN EFFECTS:** This product may be irritating to skin.

**CARCINOGENICITY:**

The components of this product are not listed as a carcinogen by IARC.

The components of this product are not listed as a carcinogen by NTP.

The components of this product are not listed as a carcinogen by OSHA.

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## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** No data available on product.

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## 13. DISPOSAL CONSIDERATIONS

**PRODUCT DISPOSAL:** Disposal of unused, uncontaminated product is regulated according to local, state, and federal regulations.

**EMPTY CONTAINER:** Do not reuse empty container. Discard in trash.

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## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**OTHER SHIPPING INFORMATION:**

If shipped by motor vehicle or rail, product may be shipped as non-regulated product.

If shipped by air or water, product should be shipped as:

**Proper Shipping Name:** Corrosive Liquid, Basic, Organic, N.O.S.

**UN/NA number:** 3267

**Packing Group:** III;  
ORM-D Exemption possible.

## 15. REGULATORY INFORMATION

### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

##### 311/312 HAZARD CATEGORIES:

**FIRE:** NO **PRESSURE GENERATING:** NO **REACTIVITY:** NO **ACUTE:** YES **CHRONIC:** NO

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** This product or its components are not subject to export notification.

**TSCA STATUS:** This product or its components are listed on the TSCA Inventory.

**CLEAN WATER ACT:** A component of this product is listed as a Clean Water Act Section 311 Hazardous Substance.

**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** This product is not a US EPA registered pesticide.

## 16. OTHER INFORMATION

**PREPARED BY:** Regulatory Affairs Department

**REVISION SUMMARY** New MSDS

### HMIS RATING

<b>HEALTH:</b>	1
<b>FLAMMABILITY:</b>	0
<b>PHYSICAL HAZARD:</b>	0
<b>PERSONAL PROTECTION:</b>	

### NEPA RATING

<b>HEALTH:</b>	1
<b>FIRE:</b>	0
<b>REACTIVITY:</b>	0

### Key

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal

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